

JUL 31 2006

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**FACSIMILE COVER SHEET**

DATE: July 31, 2006

TO: Examiner Sujoy K. Kundu

COMPANY OR FIRM: PTO

FACSIMILE NO.: (571) 273-8300

FROM: Beth Pearson-Naul for Kaushik P. Sriram

RE: Serial No.: 10/801,267  
Docket No.: 584-37008-USCP  
Title: "Method and Apparatus for Chemometric Estimations of Fluid Density, Viscosity, Dielectric Constant, and Resistivity From Mechanical Resonator Data"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 14

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Attached herewith is a Response to Office Action for the above-referenced patent application.

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Beth Pearson-Naul

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Beth Pearson-Naul**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>Applicant:</b> DiFoggio et al.	§	<b>Group Art Unit:</b> 2863
	§	
<b>Serial No.:</b> 10/801,267	§	<b>Examiner:</b> Sujoy K. Kundu
	§	
<b>Filed:</b> March 16, 2004	§	<b>Confirmation No.</b> 4720
	§	
<b>Title:</b> Method And Apparatus For Chemometric Estimations Of Fluid Density, Viscosity, Dielectric Constant, And Resistivity From Mechanical Resonator Data	§	<b>Atty. Docket:</b> 584-37008-USCP
	§	
	§	

**RESPONSE TO OFFICE ACTION OF 2 MAY 2006**

This paper is a response to the office action mailed on 2 May 2006. Please amend the application as indicated below. Claim amendments start on page 2 of this document. Remarks begin on page 8.